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**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

**CERTIFICATE OF EXPRESS MAILING**

Hereby certify that this paper and the documents and/or fees referred to as attached therein are being deposited with the United States Postal Service on November 21, 2000 in an envelope as "Express Mail Post Office to Addressee" service under 37 CFR §1.10, Mailing Label Number EL711139035US, addressed to the Assistant Commissioner for Patents, Washington, DC 20231.

Attorney Docket No.: CYTOP007C2

First Named Inventor: Vaisberg et al.

*Torrance Straiten*  
Torrance Straiten

**UTILITY PATENT APPLICATION TRANSMITTAL (37 CFR. § 1.53(b))**  
(Continuation, Divisional or Continuation-in-part application)

Assistant Commissioner for Patents  
Box Patent Application  
Washington, DC 20231

Sir: This is a request for filing a patent application under 37 CFR. § 1.53(b) in the name of inventors:  
**Eugeni A. Vaisberg, Cynthia L. Adams, James H. Sabry, Anne M. Crompton**

For: **DATABASE SYSTEM INCLUDING COMPUTER FOR PREDICTIVE CELLULAR BIOINFORMATICS**

This application is a ☒ Continuation ☐ Divisional ☐ Continuation-in-part  
of prior Application No.: 09/311,996, from which priority under 35 U.S.C. §120 is claimed.

**Application Elements:**

- ☒ 53 Pages of Specification, Claims and Abstract  
☒ 24 Sheets of informal Drawings  
☒ Declaration and Power of Attorney  
☐ Newly executed  
☒ Copy from a prior application (37 CFR 1.63(d) for a continuation or divisional).  
The entire disclosure of the prior application from which a copy of the declaration is herein supplied is considered as being part of the disclosure of the accompanying application and is hereby incorporated by reference therein.  
☐ Deletion of inventors Signed statement attached deleting inventor(s) named in the prior application, see 37 CFR 1.63(d)(2) and 1.33(b).

**Accompanying Application Parts:**

- ☐ Assignment and Assignment Recordation Cover Sheet (recording fee of \$40.00 enclosed)

- ☐ Power of Attorney
- ☐ 37 CFR 3.73(b) Statement by Assignee
- ☒ Information Disclosure Statement with Form PTO-1449 ☐ Copies of IDS Citations
- ☐ Preliminary Amendment (*New claims numbered after highest original claim in prior application.*)
- ☒ Return Receipt Postcard
- ☒ Other: Appendix A
- ☒ Other: Associate Power of Attorney and Change of Correspondence Address in Application

Claim For Foreign Priority

- ☐ Priority of \_\_\_\_\_ Application No. \_\_\_\_\_ filed on \_\_\_\_\_  
is claimed under 35 U.S.C. § 119.
- ☐ The certified copy has been filed in prior application U.S. Application No. \_\_\_\_\_
- ☐ The certified copy will follow.

Extension of Time for Prior Pending Application

- ☐ A Petition for Extension of Time is being concurrently filed in the prior pending application. A copy of the Petition for Extension of Time is attached.

Amendments

- ☒ Amend the specification by inserting before the first line the sentence: "This is a
- ☒ Continuation ☐ Continuation-in-part ☐ Divisional  
application of co-pending prior
- ☒ Application No. 09/311,996 filed on May 14, 1999,
- ☐ International Application \_\_\_\_\_ filed on \_\_\_\_\_ which  
designated the United States,  
the disclosure of which is incorporated herein by reference."

- ☐ Cancel in this application original claims \_\_\_\_\_ of the prior application  
before calculating the filing fee. (*At least one original independent claim must be retained.*)

SCANNED, # 9.

Fee Calculation (37 CFR § 1.16)

☒ Applicant is entitled to Small Entity Status under 37 C.F.R. §1.27.

	(Col. 1) Total Claims		(Col. 2) Claims	(Col. 3) Present Extra	Rate	Additional Fee
TOTAL	48	MINUS	20	= 28	x 18	504.00
INDEP.	4	MINUS	3	= 1	x 80	80.00
[ ] First presentation of multiple dependent claim					\$270	
Basic Filing Fee under 37 C.F.R. §1.16(a)					\$710	710.00
TOTAL						1294.00
SMALL ENTITY 50% FILING FEE REDUCTION (if applicable)						647.00

☒ Check No. in the amount of \$647.00 is enclosed.

☒ The Commissioner is authorized to charge any fees beyond the amount enclosed which may be required, or to credit any overpayment, to Deposit Account No. 500388 (Order No. CYTOP007C2).

General Authorization for Petition for Extension of Time (37 CFR §1.136)

☒ Applicants hereby make and generally authorize any Petitions for Extensions of Time as may be needed for any subsequent filings. The Commissioner is also authorized to charge any extension fees under 37 CFR §1.17 as may be needed to Deposit Account No. 500388 (Order No. CYTOP007C2).

☒ Please send correspondence to the following address:

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Date: 11/21/00

Jeffrey K. Weaver  
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Registration No. 31,314

SCANNED, # 9